

# WEST Search History for Application 10518225

Creation Date: 2009030511:18

Query	DB	Op.	Plur.	Thes.	Date
"6507011".pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-01-2008
(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or light or illuminat\$6 or laser)near4 (circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) and @ad<20041216	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-01-2008
(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or light or illuminat\$6 or laser)near4 (mount\$4 or attach\$4 or adhes\$7 or connect\$4 or sold\$5 or weld\$5 or fus\$6) near8 (circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) and @ad<20041216	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-01-2008
(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser))near4 (mount\$4 or attach\$4 or adhes\$7 or connect\$4 or sold\$5 or weld\$5 or fus\$6) near8 (circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) and @ad<20041216	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-01-2008
(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or connect\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-01-2008
(bump or notch or riser or elevat\$6 or contact or ridge)near6 ((circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) or (led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser)) )	PGPB, USPT, USOC, EPAB, JPAB,	OR	YES		08-01-2008

	DWPI, TDBD				
((led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser))near4 (mount\$4 or attach\$4 or adhes\$7 or connect\$4 or sold\$5 or weld\$5 or fus\$6) near8 (circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) and @ad<20041216 ) and ((led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or connect\$4) ) and ((bump or notch or riser or elevat\$6 or contact or ridge)near6 ((circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) or (led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser))) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-01-2008
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(bump or hump or notch or riser or elevat\$6 or contact or ridge)near6 ((circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) or (led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-01-2008
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(read\$4 or scan\$4 or copy or copier or ccd) same(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture) near4 (light or illuminat\$6 or laser)) near4 (mount\$4 or attach\$4 or adhes\$7 or connect\$4 or sold\$5 or weld\$5 or fus\$6) near8 (circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) and @ad<20041216	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-01-2008
(read\$4 or scan\$4 or copy or copier or ccd) same(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture) near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or connect\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-01-2008
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illuminat\$6 or laser))near4 (mount\$4 or attach\$4 or adhes\$7 or connect\$4 or sold\$5 or weld\$5 or fus\$6) near8 (circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) and @ad<20041216 ) and ((read\$4 or scan\$4 or copy or copier or ccd)same(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or connect\$4) )				
(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or pin or connect\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	08-01-2008
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((read\$4 or scan\$4 or copy or copier or ccd) same(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture) near4 (light or illuminat\$6 or laser)) near4 (mount\$4 or attach\$4 or adhes\$7 or connect\$4 or sold\$5 or weld\$5 or fus\$6) near8 (circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) and @ad<20041216 ) and ( ((read\$4 or scan\$4 or copy or copier or ccd) same(bump or notch or riser or elevat\$6 or contact or ridge) near6 ((circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) or (led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture) near4 (light or illuminat\$6 or laser)) ) or ((read\$4 or scan\$4 or copy or copier or ccd) same (led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture) near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or pin or connect\$4) not (read\$4 or scan\$4 or copy or copier or ccd) same(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture) near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or connect\$4) ) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD			
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(anisotropic or resin) same ( ((read\$4 or scan\$4 or copy or copier or ccd) same(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture) near4 (light or illuminat\$6 or laser)) near4 (mount\$4 or attach\$4 or adhes\$7 or connect\$4 or sold\$5 or weld\$5 or fus\$6) near8 (circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) and @ad<20041216 ) or ((read\$4 or scan\$4 or copy or copier or ccd) same(led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture) near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	08-01-2008

connect\$4 ) or ((read\$4 or scan\$4 or copy or copier or ccd) same (led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or pin or connect\$4) not (read\$4 or scan\$4 or copy or copier or ccd) same (led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser)) near3 (electrode or lead\$1 or connect\$4) ) )				
(anisotropic or resin) same (read\$4 or scan\$4 or copy or copier or ccd) same (led or light adj emi\$7 adj diode or lcd or liquid adj crystal adj display or (ic or micro or miniture)near4 (light or illuminat\$6 or laser)) near4 (mount\$4 or attach\$4 or adhes\$7 or connect\$4 or sold\$5 or weld\$5 or fus\$6) near8 (circuit adj board or chip or ic or integrated near3 circuit) with (board or substrate or pad) and @ad<20041216	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES	08-01-2008
yoshikawa.inv. and (chip or substrate or board or pad) same conduct\$5 near3 (resin or plastic) same (LED or light adj emi\$5 adj diode or illuminat\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES	03-05-2009
(382/312.ccls. or 358/473, 474, 475, 482, 483.ccls. or 250/200, 559.06, 559.07, 559.08.ccls. or 257/257, 433, 431, 432, 693, 694.ccls.) and (chip or substrate or board or pad) same conduct\$5 near3 (resin or plastic) same (LED or light adj emi\$5 adj diode or illuminat\$4) and @ad<20041216	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES	03-05-2009
(382/312.ccls. or 358/473, 474, 475, 482, 483.ccls. or 250/200, 559.06, 559.07, 559.08.ccls.) and (chip or substrate or board or pad) same conduct\$5 near3 (resin or plastic) same (LED or light adj emi\$5 adj diode or illuminat\$4) and @ad<20041216	PGPB, USPT, USOC, EPAB, JPAB	OR	YES	03-05-2009
(382/312.ccls. or 358/473, 474, 475, 482, 483.ccls.) and (chip or substrate or board or pad) same conduct\$5 near3 (resin or plastic) same (LED or light adj emi\$5 adj diode or illuminat\$4) and @ad<20041216	PGPB, USPT, USOC, EPAB, JPAB	OR	YES	03-05-2009
(257/257, 433, 431, 432, 693, 694.ccls. or 250/200, 559.06, 559.07, 559.08.ccls.) and (chip or substrate or board or pad) same conduct\$5 near3 (resin or plastic) same (LED or light adj emi\$5 adj diode or illuminat\$4) and @ad<20041216	PGPB, USPT, USOC, EPAB, JPAB	OR	YES	03-05-2009